NORLITE, LLC

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January 9, 2013

Karen M. Gaidasz, CPESC
Environmental Analyst
New York State Department of Environmental Conservation
Region 4
1130 North Westcott Road
Schenectady, NY 12306-2014 RETURN RECEIPT REQUESTED VIA EMAIL

Mr. Kenneth Eng
Air Compliance Branch
United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866 RETURN RECEIPT REQUESTED VIA EMAIL

Re: Norlite Corporation-MACT Excessive Exceedance Report
Kiln 1: 12/11/12- 12/31/12
Kiln 2: 12/11/12- 12/31/12

Dear Sirs:

In accordance with 40 CFR 63.1206(c)(3)(vi), the Norlite Corporation (Norlite) is submitting an "Excessive Exceedance Report" for the timeframe of 12/11/12 thru 12/31/12. The attached document explains each of the "malfunctions" for Kiln One and Two.

The results of the investigation concluded a majority of the exceedances were a result of the 1 second time delay cutoff limit of -0.00 inches of water column associated with the negative backend chamber pressure. The majority of the cutoffs were associated with several worn inner seals which were discovered during and inspection of the system on a Kiln 1 shutdown on December 21, 2012. The worn seals and several other seals which were starting to show signs of wear were replaced. Approximately 50% of the inner seals were replaced. Additionally, the fan system which produces the draft for the Kiln 1 rear chamber system was fully cleaned and maintenance to improve efficiency. Since the shutdown, Norlite has seen an increased performance of the rear chamber system on Kiln 1. Norlite and its consultant will continue to evaluate each cutoff in an effort to reduce the number of cutoffs which occur.

All of the malfunctions that occurred were consistent with our Startup, Shutdown and Malfunction Plan (SSMP). As approved by the NYSDEC on February 6, 2006, these reports are being sent electronically.

DCL: 2410

NORLITE, LLC

Should you have any questions regarding this letter, please contact me at (518) 235-0401 or email at: tom.vanvranken@tradebe.com.

Sincerely,

Thomas Van Vranken

Thomas Van Vranken
Environmental Manager

Attachments
ecc: Don Spencer, NYDEC – R4 w/attachments
James Lansing, NYSDEC – CO w/attachments
Joe Hadersbeck, NYSDEC – R4w/attachments
Tita LaGrimas, Tradebe w/attachments

DCL: 2410

NORLITE CORPORATION
MACT EXCEEDANCE REPORT - KILN 1
12/11/12 - 12/31/12

Start Date	Start Time	End Date	End Time	Downtime	#	Event	Cause	Parameter	Limit	Corrective Action
12/14/2012	15:10:43	12/14/2012	15:15:47	0:05:04	218	Malfunction	The Fan System Which Produces the Draft for the Rear Chamber System Was Partially Plugged With Dust From the Very Dry Shale Feed	Back Chamber Pressure HRA	Opl	The Fan System Was Cleaned
12/15/2012	1:49:59	12/15/2012	1:52:39	0:02:40	219	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span/I&E Cleaned Probe	Stack Gas Flow Rate	Span	I&E Cleaned Probe
12/17/2012	13:39:39	12/17/2012	13:40:22	0:00:43	220	Malfunction	The Fan System Which Produces the Draft for the Rear Chamber System Was Partially Plugged With Dust From the Very Dry Shale Feed	Back Chamber Pressure HRA	Opl	The Fan System Was Cleaned
12/18/2012	11:00:13	12/18/2012	11:00:29	0:00:16	221	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor Which Reduced the Differential Pressure at the Front of the Kiln	Front Kiln Pressure, 1 Second Delay	Opl	Adjusted Cooler and Barron Fans to Increase the Differential Pressure
12/18/2012	11:00:34	12/18/2012	11:00:47	0:00:13	222	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor Which Reduced the Differential Pressure at the Front of the Kiln	Front Kiln Pressure, 1 Second Delay	Opl	Adjusted Cooler and Barron Fans to Increase the Differential Pressure
12/18/2012	11:00:51	12/18/2012	11:01:07	0:00:16	223	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor Which Reduced the Differential Pressure at the Front of the Kiln	Front Kiln Pressure, 1 Second Delay	Opl	Adjusted Cooler and Barron Fans to Increase the Differential Pressure
12/18/2012	11:01:11	12/18/2012	11:01:49	0:00:38	224	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor Which Reduced the Differential Pressure at the Front of the Kiln	Front Kiln Pressure, 1 Second Delay	Opl	Adjusted Cooler and Barron Fans to Increase the Differential Pressure
12/20/2012	6:17:53	12/20/2012	7:18:45	1:00:52	225	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	8:29:26	12/20/2012	9:23:50	0:54:24	226	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span/I&E Cleaned Probe	Stack Gas Flow Rate	Span	I&E Cleaned Probe
12/20/2012	9:24:19	12/20/2012	9:25:02	0:00:43	227	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	9:27:45	12/20/2012	9:34:46	0:07:01	228	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	14:25:38	12/20/2012	14:26:54	0:01:16	229	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned

NORLITE CORPORATION
MACT EXCEEDANCE REPORT - KILN 1
12/11/12 - 12/31/12

Start Date	Start Time	End Date	End Time	Downtime	#	Event	Cause	Parameter	Limit	Corrective Action
12/20/2012	19:07:40	12/20/2012	19:08:04	0:00:24	230	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	19:08:08	12/20/2012	19:09:05	0:00:57	231	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	19:18:30	12/20/2012	19:36:39	0:18:09	232	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	19:37:04	12/20/2012	19:56:43	0:19:39	233	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	20:27:40	12/20/2012	20:27:58	0:00:18	234	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	20:28:02	12/20/2012	20:28:16	0:00:14	235	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	22:11:06	12/20/2012	22:11:35	0:00:29	236	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	22:11:39	12/20/2012	22:11:52	0:00:13	237	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/20/2012	23:06:02	12/20/2012	23:06:59	0:00:57	238	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned

NORLITE CORPORATION
MACT EXCEEDANCE REPORT - KILN 1
12/11/12 - 12/31/12

Start Date	Start Time	End Date	End Time	Downtime	#	Event	Cause	Parameter	Limit	Corrective Action
12/21/2012	1:10:38	12/21/2012	1:11:23	0:00:45	239	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:00:41	12/21/2012	2:01:34	0:00:53	240	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:01:39	12/21/2012	2:02:24	0:00:45	241	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:11:03	12/21/2012	2:11:51	0:00:48	242	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:12:30	12/21/2012	2:13:19	0:00:49	243	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:15:53	12/21/2012	2:16:15	0:00:22	244	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	2:16:19	12/21/2012	2:17:01	0:00:42	245	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/21/2012	3:13:19	12/21/2012	3:13:55	0:00:36	246	Malfunction	An Inspection of the Rear Chamber System Was Conducted During A Kiln Shutdown on 12/21/12. During the Inspection, Several Inside Seals Were Found to be Worn As Well As the Fan System Partially Plugged With Dust	Back Chamber Pressure, 1 Second Delay	Opl	During the Kiln Shutdown, the Worn Inner Seals Were Replaced and the Fan System Fully Cleaned
12/24/2012	15:09:26	12/24/2012	15:10:18	0:00:52	247	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span	Stack Gas Flow Rate	Span	Adjusted Fuel Flow
12/28/2012	12:15:22	12/28/2012	12:23:03	0:07:41	248	Malfunction	The End of the Burn Tank Was Reached Which Caused A Pressure Pulse In the Kiln System As the Flame Pulsed Which Affected the Frontend Kiln Differential Pressure	Front Kiln Pressure, 1 Second Delay	Opl	Switched Tanks and Re-established Fuel Flows

NORLITE CORPORATION
MACT EXCEEDANCE REPORT - KILN 1
12/11/12 - 12/31/12

Start Date	Start Time	End Date	End Time	Downtime	#	Event	Cause	Parameter	Limit	Corrective Action
12/30/2012	18:24:13	12/30/2012	22:24:44	4:00:31	249	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span / Rinsed Mist Pad Due to High Ducon Pressure	Stack Gas Flow Rate	Span	Adjusted Fuel Flow
12/30/2012	22:41:33	12/30/2012	22:51:03	0:09:30	250	Malfunction	Instantaneous Upper Instrument Setpoint was Reached for Stack Gas Span Due to Residual Water Droplets From the Mist Pad Rinsing Hitting the Stack Gas Probe	Stack Gas Flow Rate	Span	Reduced I.D. Fan Speed to Help Reduce Water Droplet Carry In the Stack
12/31/2012	22:33:24	12/31/2012	22:33:59	0:00:35	251	Malfunction	Instantaneous Upper Instrument Setpoint was Reached for Stack Gas Span Due to Residual Water Droplets From the Mist Pad Rinsing Hitting the Stack Gas Probe	Stack Gas Flow Rate	Span	Reduced I.D. Fan Speed to Help Reduce Water Droplet Carry In the Stack
12/31/2012	22:39:07	12/31/2012	22:41:04	0:01:57	252	Malfunction	Instantaneous Upper Instrument Setpoint was Reached for Stack Gas Span Due to Residual Water Droplets From the Mist Pad Rinsing Hitting the Stack Gas Probe	Stack Gas Flow Rate	Span	Reduced I.D. Fan Speed to Help Reduce Water Droplet Carry In the Stack
12/31/2012	22:50:01	12/31/2012	22:50:40	0:00:39	253	Malfunction	Instantaneous Upper Instrument Setpoint was Reached for Stack Gas Span Due to Residual Water Droplets From the Mist Pad Rinsing Hitting the Stack Gas Probe	Stack Gas Flow Rate	Span	Reduced I.D. Fan Speed to Help Reduce Water Droplet Carry In the Stack
12/31/2012	23:22:08	12/31/2012	23:25:54	0:03:46	254	Malfunction	Instantaneous Upper Instrument Setpoint was Reached for Stack Gas Span Due to Residual Water Droplets From the Mist Pad Rinsing Hitting the Stack Gas Probe	Stack Gas Flow Rate	Span	Reduced I.D. Fan Speed to Help Reduce Water Droplet Carry In the Stack

NORLITE CORPORATION
MACT EXCEEDNACE REPORT - KILN 2
12/11/12 - 12/31/12

Start Date	Start Time	End Date	End Time	Downtime	#	Event	Cause	Parameter	Limit	Corrective Action
12/14/2012	7:18:42	12/14/2012	7:19:19	0:00:37	447	Malfunction	The Kiln Operator was Controlling LGF Fuel Flow With Valves and High LGF Line Pressure Which Caused a Fuel Flow Surge. This Triggered a Pressure Pulse in the Kiln that Affected the Rear Chamber System / No Visible Emissions	Back Chamber Pressure, 1 Second Delay	Opl	Adjusted LGF Line Pressure and LGF Flow
12/18/2012	21:28:08	12/18/2012	21:39:24	0:11:16	448	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span/I&E Cleaned Probe	Stack Gas Flow Rate	Span	I&E Cleaned Probe
12/19/2012	0:50:14	12/19/2012	0:50:31	0:00:17	449	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Rear Chamber System Which Reduced the Differential Pressure	Back Chamber Pressure, 1 Second Delay	Opl	Partially Closed the Fresh Air Valve to Help Increase the Differential Pressure
12/19/2012	0:50:38	12/19/2012	0:51:00	0:00:22	450	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Rear Chamber System Which Reduced the Differential Pressure	Back Chamber Pressure, 1 Second Delay	Opl	Partially Closed the Fresh Air Valve to Help Increase the Differential Pressure
12/20/2012	19:04:22	12/20/2012	19:04:46	0:00:24	451	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Front of the Kiln Which Reduced the Differential Pressure	Front Kiln Pressure, 1Second Delay	Opl	Adjusted the Cooler and Barron Fans to Help Increase the Differential Pressure
12/20/2012	19:36:58	12/20/2012	19:37:17	0:00:19	452	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Rear Chamber System Which Reduced the Differential Pressure	Back Chamber Pressure, 1 Second Delay	Opl	Partially Closed the Fresh Air Valve to Help Increase the Differential Pressure
12/21/2012	4:15:22	12/21/2012	4:15:39	0:00:17	453	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Front of the Kiln Which Reduced the Differential Pressure	Front Kiln Pressure, 1Second Delay	Opl	Adjusted the Cooler and Barron Fans to Help Increase the Differential Pressure
12/21/2012	4:15:53	12/21/2012	4:16:14	0:00:21	454	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Front of the Kiln Which Reduced the Differential Pressure	Front Kiln Pressure, 1Second Delay	Opl	Adjusted the Cooler and Barron Fans to Help Increase the Differential Pressure
12/21/2012	4:19:18	12/21/2012	4:19:52	0:00:34	455	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Front of the Kiln Which Reduced the Differential Pressure	Front Kiln Pressure, 1Second Delay	Opl	Adjusted the Cooler and Barron Fans to Help Increase the Differential Pressure
12/21/2012	4:54:59	12/21/2012	4:55:30	0:00:31	456	Malfunction	Strong Wind Gusts Out of the Northwest Affected the Reference Pressure Monitor for the Front of the Kiln Which Reduced the Differential Pressure	Front Kiln Pressure, 1Second Delay	Opl	Adjusted the Cooler and Barron Fans to Help Increase the Differential Pressure
12/21/2012	7:46:37	12/21/2012	8:24:55	0:38:18	457	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span/I&E Cleaned Probe	Stack Gas Flow Rate	Span	I&E Cleaned Probe
12/21/2012	8:57:36	12/21/2012	9:01:01	0:03:25	458	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span	Stack Gas Flow Rate	Span	Adjusted Fuel Flow

12/21/2012	10:12:06	12/21/2012	10:12:51	0:00:45	459	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/21/2012	10:13:27	12/21/2012	10:20:26	0:06:59	460	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/21/2012	10:42:08	12/21/2012	10:42:49	0:00:41	461	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/21/2012	10:45:30	12/21/2012	11:53:29	1:07:59	462	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/21/2012	11:59:40	12/21/2012	12:00:25	0:00:45	463	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/21/2012	12:48:42	12/21/2012	12:49:58	0:01:16	464	Malfunction	Kiln 1 Was Down for Maintenance Which Affected the Efficiency of the Fan System Used to Produce the Draft for the Rear Chamber System. The Fan System Also Had Maintenance Conducted On It Which Affected the Rear Chamber System Operation	Back Chamber Pressure, 1 Second Delay	Opl	Conducted Maintenance On the Fan System Which Produces Draft and Closed the Fresh Air Intake Valve
12/24/2012	21:50:57	12/24/2012	21:52:09	0:01:12	465	Malfunction	Instantaneous Upper Instrument Setpoint Reached for Stack Gas Span	Stack Gas Flow Rate	Span	Adjusted Fuel Flow
12/28/2012	1:15:08	12/28/2012	1:15:35	0:00:27	466	Malfunction	The Mist Pad Was Partially Plugged With Soda Ash Solids Which Reduced the Overall Draft of the Kiln System Which Made the Frontend Kiln Pressure System More Susceptible to the Strong Wing Gusts Out of the Northwest	Front Kiln Pressure, 1Second Delay	Opl	Rinsed the Mist Pad and Adjusted the Cooler and Barron Fans to Improved the Frontend Kiln Pressure
12/28/2012	1:15:43	12/28/2012	1:16:04	0:00:21	467	Malfunction	The Mist Pad Was Partially Plugged With Soda Ash Solids Which Reduced the Overall Draft of the Kiln System Which Made the Frontend Kiln Pressure System More Susceptible to the Strong Wing Gusts Out of the Northwest	Front Kiln Pressure, 1Second Delay	Opl	Rinsed the Mist Pad and Adjusted the Cooler and Barron Fans to Improved the Frontend Kiln Pressure

12/28/2012	1:25:33	12/28/2012	1:25:52	0:00:19	468	Malfunction	The Mist Pad Was Partially Plugged With Soda Ash Solids Which Reduced the Overall Draft of the Kiln System Which Made the Frontend Kiln Pressure System More Susceptible to the Strong Wing Gusts Out of the Northwest	Front Kiln Pressure, 1Second Delay	Opl	Rinsed the Mist Pad and Adjusted the Cooler and Barron Fans to Improved the Frontend Kiln Pressure
12/28/2012	7:30:25	12/28/2012	7:30:49	0:00:24	469	Malfunction	The Mist Pad Was Partially Plugged With Soda Ash Solids Which Reduced the Overall Draft of the Kiln System Which Made the Frontend Kiln Pressure System More Susceptible to the Strong Wing Gusts Out of the Northwest	Front Kiln Pressure, 1Second Delay	Opl	Rinsed the Mist Pad and Adjusted the Cooler and Barron Fans to Improved the Frontend Kiln Pressure